

SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT



KH-4 MISSION 1108

IPIR NUMBER 22

OAK SUPPLEMENT PART XVIII

5-21 DECEMBER 1969

DECLASS REVIEW BY NIMA / DoD

TCS-20018/70
JANUARY 1970
COPY 208
87 PAGES
OAK-018/70

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**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

1. STRATEGIC SSM

Deployed Strategic SSM Facilities (A)

2. MISSILE RANGES

Missile Ranges: Strategic SSM/Space Facilities (P)

Missile Ranges: Air-Launched Missile Facilities (Q)

Missile Ranges: Naval-Launched Missile Facilities (R)

Missile Ranges: Tactical SSM Facilities (S)

Missile Ranges: SAM/AMM Facilities (T)

3. AIR DEFENSE MISSILES

Deployed AMM Facilities (B)

Deployed SAM Facilities (D)

4. ELECTRONICS/COMMUNICATIONS

Deployed Communication/Electronic/Radar Facilities (C)

5. AIR

Air Base Facilities (E)

6. NAVAL

Naval Base Facilities (F)

7. GROUND

Ground Force Facilities (G)

8. TACTICAL SSM

Deployed Tactical SSM Facilities (H)

9. LOGISTICS

Military Logistics Facilities (K)

10. NUCLEAR ENERGY

Atomic Energy Facilities (O)

11. CBR

CBR Facilities (V)

12. INDUSTRY

Strategic Weapons Industrial Facilities (J)

General Purpose Weapons Industrial Facilities (L)

Non-Military Industrial Facilities (N)

Communication/Electronic/Radar R&D Facilities (U)

13. MISCELLANEOUS

Non-Military Logistics Facilities (M)

Miscellaneous/Unidentified Facilities (Z)

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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GROUND FORCE FACILITIES
LOGISTICS

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PREFACE

PREFACE

THIS IS THE EIGHTEENTH OAK SUPPLEMENT REPORT ON MISSION 1108.
FOR COMPLETE PREFACE SEE THE FIRST OAK SUPPLEMENT REPORT.

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CHINA
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D MANGYAI PROB AIR WARNING RADAR FAC
[REDACTED] [REDACTED]

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

ON THE WEST EDGE OF MANGYAI.
THE FACILITY IS ROAD-SERVED. MANGYAI COMPLEX CONSISTS OF 15
BUILDINGS, SOME OF WHICH MIGHT SUPPORT THE RADAR FACILITY.

ELECTRONIC ORDER OF BATTLE:

1 PROB MOON CONE

25X1D

25X1D

25X1D TUNG-KUANG PROB MICROWAVE FACILITY
[REDACTED] [REDACTED]

STATUS: UNKNOWN

25X1A

25X1A

REMARKS:

THE TARGET CANNOT BE IDENTIFIED AT THE REFERENCED COORDINATES
DUE TO SMALL SCALE OF THE PHOTOGRAPHY.

25X1D

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CHINA
AIR BASE FACILITIES

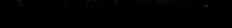
SIGNIFICANT RESULTS

25X1D

CHING-SHUI AIRFIELD

25X1A

25X1D



STATUS:OPERATIONAL

REMARKS:

THE GRADED-EARTH RUNWAY IS COMPLETE AND OPERATIONAL. SUPPORT FACILITIES CONSIST OF A GRADED-EARTH PARKING APRON, AN OPERATIONS/CONTROL TOWER BUILDING, ONE HANGAR, FOUR BARRACKS, ONE ADMINISTRATION BUILDING, AND 20 SUPPORT/MAINTENANCE BUILDINGS.

25X1D

AIR ORDER OF BATTLE:

1 PROB CRATE
15 COLT

3 POSS AIRCRAFT/HELICOPTERS

25X1D

16 COLT
1 POSS COLT

5 PROB HELICOPTERS

25X1D



25X1D

25X1D

HSING-PING POSS AIRCRAFT PARTS PLANT



STATUS:OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

3 NM WSW OF HSINGPING.

THE PARTIALLY SECURED INSTALLATION CONSISTS OF THREE AREAS.

THE EASTERN AREA CONTAINS 20 MONITOR-ROOFED BUILDINGS, ONE ADMINISTRATION BUILDING, A THERMAL POWERPLANT, AND APPROXIMATELY 50 ASSOCIATED BUILDINGS.

THE WESTERN AREA CONTAINS TEN MONITOR-ROOFED BUILDINGS, A

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CHINA
AIR BASE FACILITIES

STEAMPLANT, AND APPROXIMATELY 20 ASSOCIATED BUILDINGS. HOUSING AREAS ARE IMMEDIATELY NORTH OF BOTH PLANTS.

THE THIRD AREA IS IMMEDIATELY SOUTH OF THE EASTERN AREA AND CONTAINS ONE SAWTOOTH-ROOFED BUILDING, TWO HEAT PROCESSING BUILDINGS, ONE ADMINISTRATION BUILDING, FOUR LARGE MULTISTORY BUILDINGS, AND 40 ASSOCIATED BUILDINGS.

25X1D



OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

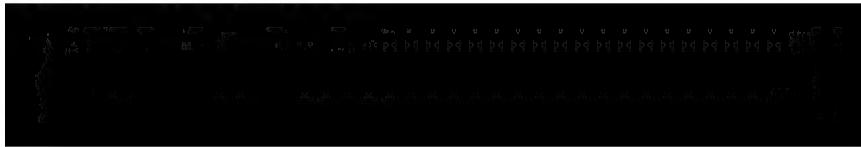
PEI-CHING NAVAL AF HQ NATIONAL
NAC



25X1A

STATUS:OPERATIONAL

25X1D



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CHINA
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D CHANG-SHAN TAO NAVAL FACILITY
[REDACTED] NAC



STATUS:OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:
10 LCM



25X1D

25X1D CHEN-CHIA-CHIANG NAVAL FACILITY
[REDACTED] NAC



STATUS:OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:
3 SMALL PROB COMBATANTS



25X1D

25X1D CHING-TAO NAVAL FACILITY
[REDACTED] NAC



STATUS:OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:
2 POSS M-V SS

4 PROB SHANGHAI PGM



25X1D

25X1D CHING-TAO PORT FACILITIES INNER HARBOR
[REDACTED] NAC



STATUS:OPERATIONAL

25X1A

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CHINA
NAVAL BASE FACILITIES

NAVAL ORDER OF BATTLE:
8 FREIGHTERS

2 COASTAL FREIGHTERS

25X1D

25X1D

CHIN-HUANG-TAO PORT FACILITIES
NAC

25X1D

25X1A

STATUS:OPERATIONAL

25X1D NAVAL ORDER OF BATTLE:
2 SMALL FREIGHTERS

25X1D

25X1D

HU-LU-TAO PORT FACILITIES

25X1D

25X1A

STATUS:UNDER CONSTRUCTION

25X1A

REMARKS:

CONSTRUCTION OF THE SHIPYARD CONTINUES. THE TWO-BAY ADDITION TO THE LARGE CONSTRUCTION HALL APPEARS TO BE COMPLETE. THE TRANSVERSER IS COMPLETE AND APPARENTLY IS GOING TO BE EXPANDED INTO THE NORTH. THE RAIL-SERVED STORAGE/SUPPORT BUILDING PREVIOUSLY REPORTED UNDER CONSTRUCTION IMMEDIATELY NORTH OF THE CONSTRUCTION HALL IS APPARENTLY COMPLETE. AT THE NEARBY UNIDENTIFIED FACILITY NORTH OF THE SHIPYARD, THE CYLINDRICAL-ROOFED STRUCTURE CONNECTED TO THE LARGE THREE-BAY BUILDING IS ALMOST COMPLETELY EARTH COVERED. A PONTOON PIER IS APPARENTLY UNDER CONSTRUCTION ON THE EASTERN SIDE OF THE ADJACENT PENINSULA.

25X1D

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CHINA
NAVAL BASE FACILITIES

25X1D

LIEN-YUN-CHIANG NAVAL BASE
NAC

25X1D

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

5 POSS COMBATANTS (ONE IN
ROADSTEAD)

25X1A

25X1D

25X1D

LING-SHAN-WEI MTB BASE
NAC

25X1D

STATUS: OPERATIONAL

25X1A

25X1D

NAVAL ORDER OF BATTLE:

8 PROB PT

25X1D

4 POSS SMALL VESSELS

25X1D

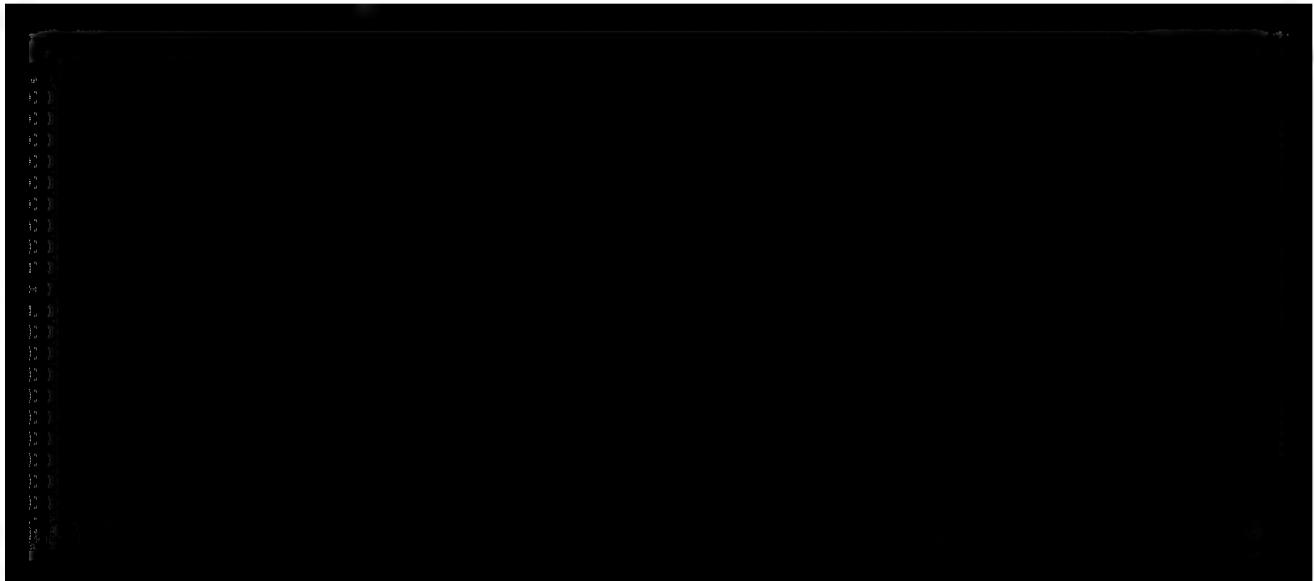
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CHINA
NAVAL BASE FACILITIES

25X1D



25X1D

LUNG-MEN NAVAL BASE
NAC

STATUS: OPERATIONAL



25X1A

25X1D

NAVAL ORDER OF BATTLE:
SEVERAL VESSELS AT WHARVES

25X1D

NAN-CHING PORT FACILITIES
NAC

STATUS: OPERATIONAL



25X1A

NAVAL ORDER OF BATTLE:
10 BARGES ON WAYS
15 BARGES AT
FITTING-OUT/REPAIR
FACILITIES

25X1D



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CHINA
NAVAL BASE FACILITIES

25X1D

PAI-LUNG PORT FACILITIES
25X1D [REDACTED] NAC



STATUS:OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:
2 SMALL POSS COMBATANTS AT
PIER

25X1D



25X1D

SPECIAL AREA NAVAL MVNT WAC 0614

25X1D

[REDACTED]



25X1A

STATUS:TRANSITORY

25X1D

TANG-KU PORT FACILITIES HSIN-CHIANG
25X1D [REDACTED] NAC



25X1A

STATUS:OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

1 FREIGHTER IN GRAVING DOCK
4 FREIGHTERS AT FITTING-OUT
PIER

1 PROB NEW VESSEL ON WAYS
SEVERAL UNIDENTIFIED
VESSELS

25X1D

2 LARGE FREIGHTERS AT
FITTING-OUT PIER
1 UNIDENTIFIED VESSEL IN
GRAVING DOCK

1 UNIDENTIFIED VESSEL ON
BUILDING WAYS

25X1D

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CHINA
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

FENG-HSIANG EXPLO STOR/HANDLING FAC

25X1D

STATUS:OPERATIONAL

25X1A



REMARKS:

THE PARTIALLY SECURED INSTALLATION CONTAINS SIX SMALL REVETTED STORAGE BUILDINGS, FIVE STORAGE BUILDINGS, AND 20 SUPPORT BUILDINGS.

25X1D
25X1D

THE SUPPORT AREA CONTAINS 12 BARRACKS, ONE ADMINISTRATION BUILDING, AND 25 SUPPORT BUILDINGS.

25X1D

PAO-TING ARMY BARRACKS NW

25X1D

STATUS:OCCUPIED

25X1A



25X1D

PHYSICAL DESCRIPTION:

4.9 NM NW OF PAOTING.

THE WALL-SECURED BATTALION-SIZE INSTALLATION CONTAINS 12 BARRACKS, ONE POSSIBLE ADMINISTRATION BUILDING, ONE T-SHAPED MESSHALL, AND FOUR STORAGE/SUPPORT BUILDINGS. A PARKING AREA IS ADJACENT TO THE EAST.

GROUND FORCE ORDER OF BATTLE:
20 TANKS

25X1D



25X1D

PAO-TING ARMY BARRACKS NW 2

25X1D

STATUS:OCCUPIED

25X1A



PHYSICAL DESCRIPTION:
11.2 NM NW OF PAOTING.

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CHINA
GROUND FORCE FACILITIES

THE REGIMENT-SIZE INSTALLATION CONSISTS OF TWO SEPARATE
WALL-SECURED AREAS.

AREA A CONTAINS 12 BARRACKS, THREE ADMINISTRATION BUILDINGS, ONE AUDITORIUM, FOUR BARRACKS/SUPPORT BUILDINGS, THREE T-SHAPED MESSHALLS, SIX VEHICLE/EQUIPMENT STORAGE BUILDINGS, AND SEVEN SUPPORT BUILDINGS. ADJACENT TO THE NORTH IS A SEPARATELY SECURED PROBABLE DEPENDENTS HOUSING AREA WHICH CONTAINS 29 BARRACKS-TYPE HOUSING BUILDINGS.

AREA B, LOCATED 800 METERS WEST OF AREA A, CONTAINS SIX BARRACKS, ONE ADMINISTRATION BUILDING, TWO T-SHAPED MESSHALLS, SIX VEHICLE/EQUIPMENT STORAGE BUILDINGS, AND THREE SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:

36 ARTILLERY PIECES 24 CARGO TRUCKS
6 POSS AAA PIECES

25X1D

25X1D

25X1D

PING-KU ARMY BARRACKS NORTH AL 2

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

4 NM NORTH OF PINGKU,

THE INSTALLATION CONTAINS APPROXIMATELY 38 BARRACKS, ONE MULTISTORY H-SHAPED PROBABLE ADMINISTRATION BUILDING, ONE AUDITORIUM, TWO MESSHALLS, EIGHT VEHICLE/EQUIPMENT STORAGE BUILDINGS, AND AT LEAST 16 STORAGE/SUPPORT BUILDINGS.

A SECOND BARRACKS AREA IS LOCATED APPROXIMATELY 900 METERS EAST AND CONTAINS 14 BARRACKS, ONE POSSIBLE ADMINISTRATION BUILDING, ONE MESSHALL, FOUR VEHICLE/EQUIPMENT STORAGE BUILDINGS, AND APPROXIMATELY EIGHT SUPPORT BUILDINGS. THIS INSTALLATION RESEMBLES KNOWN ARTILLERY REGIMENTAL PATTERNS AND COULD BE ASSOCIATED WITH A REPORTED ARTILLERY DIVISION LOCATED IN THE AREA OF PINGKU.

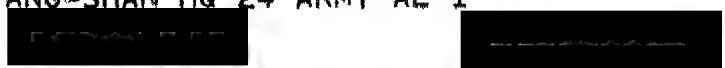
25X1D

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CHINA
GROUND FORCE FACILITIES

25X1D

25X1D TANG-SHAN HQ 24 ARMY AL 1



STATUS: OCCUPIED

25X1A

REMARKS:

FOUR PROBABLE TYPE 4 TRAPAZOIDAL-SHAPED STRUCTURES, NORMALLY ASSOCIATED WITH SAWRFS (SUSPECT ADVANCED WEAPONS RELATED FACILITIES) ARE OBSERVED IN THE NW PORTION OF THE INSTALLATION. THE FOUR TRAPAZOIDAL-SHAPED STRUCTURES HAVE BEEN CONSTRUCTED SINCE

25X1D

25X1D

25X1D TING-HSING ARMY BARRACKS WEST



STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

14.5 NM WEST OF TINGHSING.
THE WALL-SECURED BARRACKS AREA CONTAINS SIX BARRACKS, ONE POSSIBLE MESSHALL, ONE ADMINISTRATION/SUPPORT BUILDING, AND TWO STORAGE/SUPPORT BUILDINGS.

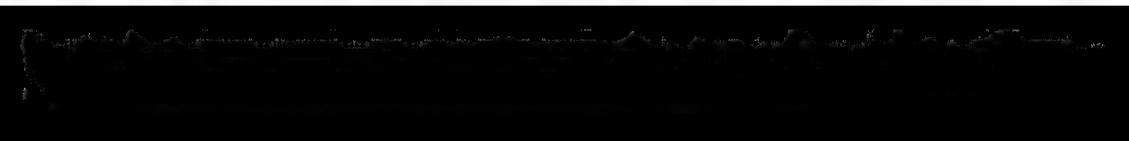
A TRACKED VEHICLE TRAINING AREA IS ADJACENT TO THE WEST AND CONSISTS OF A CLOSED-LOOP DRIVER-TRAINING COURSE AND A TANK FIRING RANGE WITH THREE MOVING TARGET RUNS.

GROUND FORCE ORDER OF BATTLE:

43 TANKS

12 POSS CARGO TRUCKS

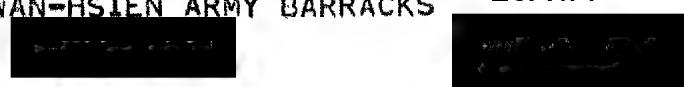
25X1D



25X1D

25X1D

WAN-HSIEN ARMY BARRACKS



25X1A



STATUS: OCCUPIED

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CHINA
GROUND FORCE FACILITIES

PHYSICAL DESCRIPTION:

8 NM SW OF WANHSIEN AND 23 NM WSW OF PAOTING.
THE INSTALLATION CONTAINS TWO SMALL BARRACKS AREA CONTAINING
SIX BARRACKS, ONE POSSIBLE ADMINISTRATION BUILDING, ONE
POSSIBLE MESSHALL, TWO VEHICLE STORAGE BUILDINGS, ONE POSSIBLE
VEHICLE MAINTENANCE BUILDING, AND TWO STORAGE SUPPORT
BUILDINGS.

AN ARMOR TRAINING AREA IS LOCATED IMMEDIATELY NORTH OF THE TWO
BARRACKS AREAS AND CONTAINS TWO CLOSED-LOOP DRIVER-TRAINING
COURSES AND A TANK FIRING RANGE WITH SIX MOVING TARGET RUNS.

GROUND FORCE ORDER OF BATTLE:

10 TANKS 15 POSS TANKS

25X1D



25X1D

WU-SHENG-I PROB EXPLOSIVES LOADING FAC

25X1D

STATUS:OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

1 NM NE OF WUSHENGI.
THE FACILITY IS LOCATED IN TWO ADJACENT VALLEYS ON THE EAST
SIDE OF CHUANGLANG HO RIVER. THE SOUTH AREA CONTAINS SIX
REVETTED STORAGE BUILDINGS. THE NORTH AREA CONTAINS FOUR
REVETTED PROCESSING BUILDINGS, ONE PROBABLE STEAMPLANT, 30
STORAGE BUILDINGS, AND APPROXIMATELY 35 STORAGE/SUPPORT
BUILDINGS.

25X1D



25X1D

WU-SHENG-I STORAGE AREA

25X1D

STATUS:COMPLETE

25X1A

PHYSICAL DESCRIPTION:

4.8 NM NNW OF WUSHENGI.
THE INSTALLATION CONTAINS 30 REVETTED AND DISPERSED STORAGE
BUILDINGS AND 35 SUPPORT BUILDINGS. A RAIL-TO-ROAD

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CHINA
GROUND FORCE FACILITIES

25X1D 25X1D
TRANSSHIPMENT AREA IS LOCATED 1 NM SE AT 36-56-[REDACTED] N 103-08-[REDACTED] E.

GROUND FORCE ORDER OF BATTLE:
19 CARGO TRUCKS

25X1D



25X1D

YANG-KO-CHUANG BARRACKS NE AL 2

25X1D

STATUS: OCCUPIED

25X1A



PHYSICAL DESCRIPTION:

8.8 NM NE OF YANGKOCHEUNG.

THE SECURED FACILITY CONSISTS OF 12 BARRACKS, FIVE QUARTERS-TYPE BUILDINGS, ONE ADMINISTRATION BUILDING, ONE POSSIBLE AUDITORIUM, ONE POSSIBLE MESSHALL, ONE LONG EQUIPMENT STORAGE BUILDING, AND APPROXIMATELY EIGHT SUPPORT/STORAGE BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

WU-YUN MILITARY BKS
NAC



STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



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CHINA
LOGISTICS

SIGNIFICANT RESULTS

25X1D

25X1D HSI-NING POL STORAGE AREA



STATUS: UNDER CONSTRUCTION

25X1A

PHYSICAL DESCRIPTION:

11.3 NM SE OF HSINING.

THE AREA CONTAINS TEN BURIED POL STORAGE TANKS IN THE MIDSTAGE OF CONSTRUCTION. SOUTH OF THE STORAGE AREA IS A WALL-SECURED SUPPORT AREA CONTAINING TEN BUILDINGS. A RAIL TRANSSHIPMENT AREA CONTAINING A RAIL SPUR UNDER CONSTRUCTION AND 11 ASSOCIATED BUILDINGS IS LOCATED SOUTH OF THE STORAGE AREA.

25X1D



25X1D

25X1D NAN-NING PORT FACILITIES YU CHIANG



STATUS: NEGATED

25X1A

25X1A

REMARKS:

THIS FACILITY IS INCAPABLE OF HANDLING AND BERTHING OCEANGOING CARGO VESSELS.

25X1D



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CHINA
INDUSTRY

SIGNIFICANT RESULTS

25X1D

CHING-TAO NAVAL DOCKYARD
NAC

25X1D

STATUS:OPERATIONAL

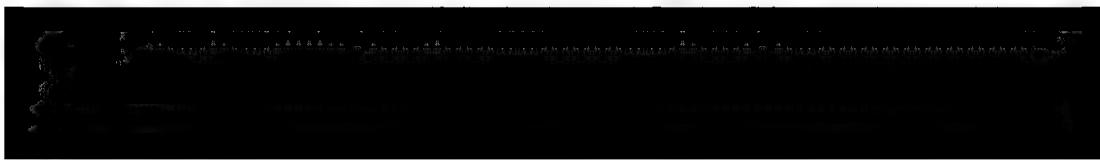
25X1A

NAVAL ORDER OF BATTLE:

2 SS (1 IN GRAVING DOCK)
1 POSS SS IN GRAVING DOCK
1 LST

18 UNIDENTIFIED SMALL
VESSELS

25X1D



25X1D

JEN-HO-CHIEH INDUSTRIAL COMPLEX

26-34-//N 101-41-//E

STATUS:UNDER CONSTRUCTION

25X1A

25X1A

REMARKS:

THE RAIL LINE IS NOW COMPLETE THROUGH AREA F BUT IS UNDER CONSTRUCTION THROUGH AREAS A AND G. IN AREA F, TWO RAIL YARDS 25X1D AND SEVERAL SIDINGS ARE UNDER CONSTRUCTION. CONSTRUCTION CONTINUES ON FACILITIES PREVIOUSLY REPORTED ON [REDACTED]. SMOKE IS BEING EMITTED FROM THE THERMAL POWERPLANT IN AREA B AND FROM THE CEMENT PLANT AND THE THERMAL POWERPLANT IN AREA G.

25X1D



25X1D

TASH-ARIK REFINERY + OIL FIELD

25X1D

STATUS:COMPLETE

25X1A

25X1D

PHYSICAL DESCRIPTION:

10 NM NORTH OF TASHARIK AND 47 NM NE OF KUCHE. THE SMALL REFINERY CONTAINS TWO BASIC PROCESSING UNITS (ONE PROBABLE AND ONE POSSIBLE CRUDE DISTILLATION UNITS). THE FACILITIES IDENTIFIED INCLUDE TWO PIPE FURNACES, THREE FRACTIONATING COLUMNS, TWO CONTROL HOUSES, A TANK FARM, AND A

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CHINA
INDUSTRY

TRANSSHIPMENT AREA CONTAINING ONE OVERHEAD LOADING RACK. THE TANK STORAGE FOR CRUDE OIL AND REFINED PRODUCTS INCLUDES ONE LARGE, 17 MEDIUM, AND 12 SMALL VERTICAL STORAGE TANKS. A LARGE OPEN STORAGE RESERVOIR AND SUMP IS LOCATED IN THE SE PORTION OF THE REFINERY.

THE OIL FIELD, IN TWO PARTS ADJACENT TO THE EAST AND WEST OF THE REFINERY, COVERS A TOTAL AREA OF 28 SQ NM. THE OIL FIELD IS PROBABLY UNDER EXPANSION. SEVERAL LEVELED AREAS FOR DRILLING OPERATIONS HAVE BEEN CONSTRUCTED IN THE WESTERN PORTION OF THE OIL FIELD.

A HOUSING AND SUPPORT COMPLEX FOR THE REFINERY AND OIL FIELD CONTAINS APPROXIMATELY 200 BUILDINGS. THE AREA IS ROAD SERVED ONLY. THIS TARGET WAS PREVIOUSLY REPORTED AS TASH-ARIK MINING COMPLEX.

25X1D



25X1D

WU-HSI NAVAL RESEARCH FACILITY
NAC

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THE INLET IS LANDLOCKED. NO NAVAL VESSELS COULD REACH THIS INSTALLATION.

25X1D



TOP SECRET CHESS RUFF

TCS-20018/70 - IPIR 22
KH-4 MISSION 1108

CHINA
MISCELLANEOUS

SIGNIFICANT RESULTS

25X1D

25X1D MANG-YAI-CHEN ORE PROC AND MNG CPLX

[REDACTED]

[REDACTED]

[REDACTED]

STATUS:OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

AT MANGYAICHEN.
THE COMPLEX CONTAINS TWO AREAS.

THE ORE PROCESSING AND MINING AREA CONTAINS ONE ORE PROCESSING BUILDING, ONE ORE CRUSHING BUILDING, TWO POSSIBLE VERTICAL SHAFT MINES, AND ONE OPEN PIT MINE.

THE SUPPORT AREA CONTAINS APPROXIMATELY 35 BARRACKS-TYPE BUILDINGS, SEVEN VEHICLE STORAGE SHEDS, ONE VEHICLE MAINTENANCE BUILDING, 20 STORAGE/SUPPORT BUILDINGS, ONE PROBABLE POWERPLANT, TWO VERTICAL TANKS, AND NUMEROUS TENTS.

GROUND FORCE ORDER OF BATTLE:
NUMEROUS POSS VEHICLES

25X1D

[REDACTED]

25X1D

SHUANG-CHENG-TZU PROB INST SITE UCON

25X1D

[REDACTED]

[REDACTED]

25X1A

25X1A

STATUS:UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

6 NM NE OF SCTMTC AIRFIELD.

25X1D

THIS IS ONE OF THREE NEW PROBABLE INSTRUMENTATION SITES UNDER CONSTRUCTION IN THE DESERT NE OF THE AIRFIELD. THE SITE CONSISTS OF FOUR BUILDINGS, THE LARGEST OF WHICH IS APPROXIMATELY [REDACTED] A TOWER, AND

25X1D

A FEW SMALL STRUCTURES OR BUNKERS. NOT PRESENT IN [REDACTED] IT WAS FIRST SEEN IN [REDACTED] IN AN EARLY STAGE OF CONSTRUCTION.

25X1D

[REDACTED]

TOP SECRET CHESS RUFF

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TCS-20018/70 - IPIR 22
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CHINA
MISCELLANEOUS

25X1D



25X1D

25X1D

SHUANG-CHENG-TZU PROB INST SITE UCON



25X1A

STATUS: UNDER CONSTRUCTION

25X1A

25X1D

PHYSICAL DESCRIPTION:

18 NM NE OF SCTMTC AIRFIELD.

THIS IS THE NORTHERNMOST OF THREE NEW PROBABLE INSTRUMENTATION SITES UNDER CONSTRUCTION IN THE DESERT NE OF THE AIRFIELD. THE THREE SITES FORM A TRIANGLE HAVING SIDES 12, 15.5, AND 23.5 NM LONG. THIS SITE CONSISTS OF FOUR BUILDINGS, THE LARGEST OF WHICH IS APPROXIMATELY [REDACTED] AND A FEW SMALL STRUCTURES OR BUNKERS. NOT PRESENT IN [REDACTED] IT WAS OBSERVED IN AN EARLY STAGE OF CONSTRUCTION IN [REDACTED] AND NOW APPEARS TO BE IN A LATE STAGE OF CONSTRUCTION.

25X1D

25X1D



TOP SECRET CHESS RUFF

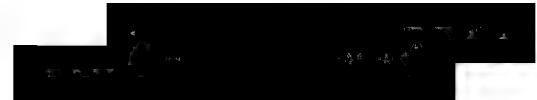
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KH-4 MISSION 1108

CUBA
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

CONSTANCIA SAM SITE A10-2
[REDACTED] NAC



25X1D

25X1A

STATUS: OCCUPIED

MISSILE ORDER OF BATTLE:
NONE DISCERNIBLE

ASSOCIATED OBJECTS:
6 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X1D

MARIEL SAM SITE A30-2

25X1D

[REDACTED] NAC



STATUS: OCCUPIED

25X1A

MISSILE ORDER OF BATTLE:
2 PROB LAUNCHERS

25X1D

25X1D

RANCHUELO SAM SITE A33-2

25X1D

25X1A



STATUS: UNKNOWN

25X1A

REMARKS:

THIS SITE CONTAINS SIX REVETTED LAUNCH POSITIONS AND THREE
REVETTED MISSILE-HOLD AREAS.

TOP SECRET CHESS RUFF

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KH-4 MISSION 1108

CUBA
AIR DEFENSE MISSILES

MISSILE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



25X1D

25X1D

SANTA CLARA SAM SITE A34-2
NAC



25X1A

STATUS: OCCUPIED

MISSILE ORDER OF BATTLE:

6 PROB LAUNCHERS
1 MISSILE TRANSPORTER
2 POSS MISSILE TRANSPORTERS

1 OCCUPIED GUIDANCE AREA
2 VEHICLES OR PIECES OF
EQUIPMENT



25X1D

25X1D

25X1D

SANTA FE SAM TRAINING SITE A09-02
NAC



25X1A

STATUS: UNOCCUPIED

ASSOCIATED OBJECTS:
2 VEHICLES OR PIECES OF
EQUIPMENT



25X1D

25X1D

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TOP SECRET CHESS RUFF

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CUBA
COMM/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

SAN MIGUEL AW RADAR FACILITY

NAC

25X1D

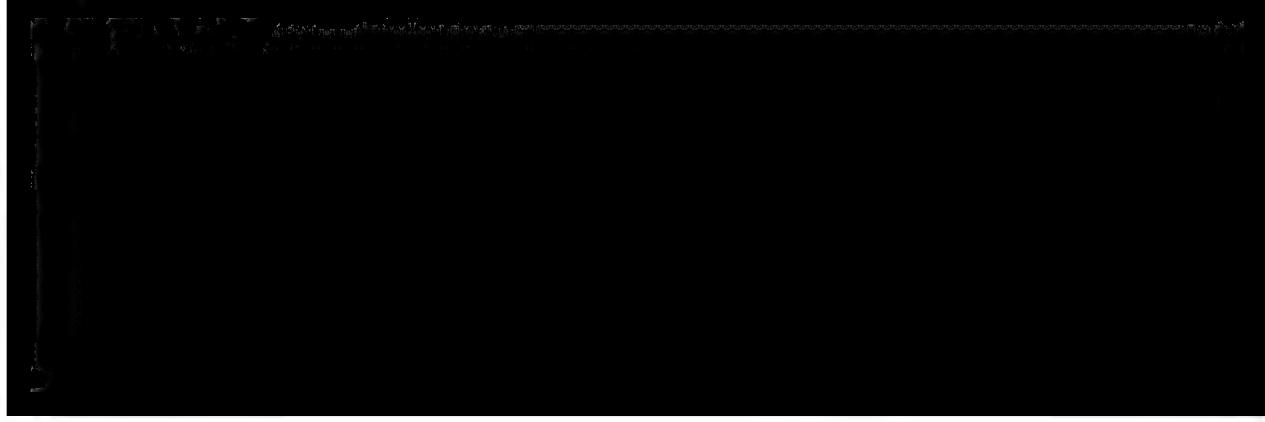


25X1A

STATUS: OCCUPIED

ASSOCIATED OBJECTS:
3 VEHICLES OR PIECES OF
EQUIPMENT

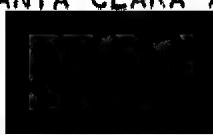
25X1D



25X1D

SANTA CLARA AW RADAR FACILITY
NAC

25X1D



25X1A

STATUS: OCCUPIED

REMARKS:
THE RADAR POSITIONS ARE PROBABLY OCCUPIED.

ASSOCIATED OBJECTS:
10 VEHICLES OR PIECES OF
EQUIPMENT

25X1D



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TOP SECRET CHESS RUFF

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CUBA
COMMO/ELEC/RADAR FACILITIES

25X1D



25X1D

25X1D SANTA FE AW RADAR FACILITY

NAC



25X1A

STATUS: OCCUPIED

REMARKS:

THREE VEHICLES ARE LOCATED IN THE REVETTED POSITIONS.

ELECTRONIC ORDER OF BATTLE:
NONE DISCERNIBLE

ASSOCIATED OBJECTS:
4 PROB VEHICLES OR PIECES
OF EQUIPMENT

25X1D



OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D BAHIA HONDA AW RADAR FACILITY

NAC



25X1A

STATUS: UNKNOWN

ELECTRONIC ORDER OF BATTLE:
NONE DISCERNIBLE

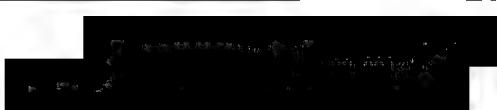


25X1D

25X1D

25X1D SAN JULIAN AW RADAR FACILITY

NAC



25X1A

STATUS: UNKNOWN

25X1D

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CUBA
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

CAMILO CIENFUEGOS AIRFIELD
NAC

25X1D



25X1A

STATUS:OPERATIONAL

AIR ORDER OF BATTLE:

1 PROB CRATE

4 POSS SMALL AIRCRAFT

25X1D



25X1D

25X1D CAMPO LIBERTAD AIRFIELD
NAC



25X1A

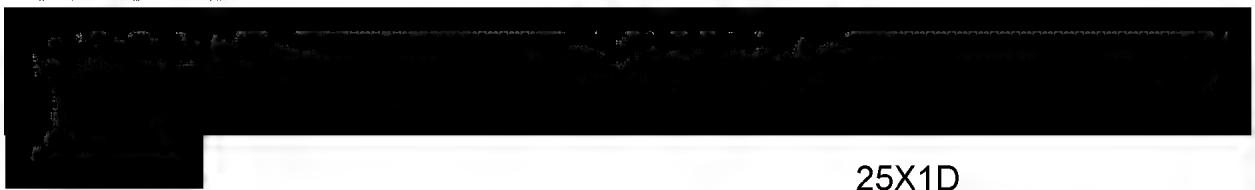
STATUS:OPERATIONAL

AIR ORDER OF BATTLE:

5 PROB COLT

1 POSS COLT

25X1D



25X1D

25X1D JOSE MARTI INTERNATIONAL AIRFIELD
NAC



25X1A

STATUS:OPERATIONAL

TOP SECRET CHESS RUFF

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CUBA
AIR BASE FACILITIES

AIR ORDER OF BATTLE:
1 PROB CLASSIC

25X1D



25X1D

25X1D

NUEVA GERONA AIRFIELD
[REDACTED] NAC



25X1A

STATUS:OPERATIONAL

25X1D

PLAYA BARACOA AIRFIELD
[REDACTED]

25X1A

25X1D

STATUS:OPERATIONAL

25X1A

REMARKS:

CONSTRUCTION IS IN PROGRESS NEAR THE SW END OF THE RUNWAY.

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



25X1D

25X1D

SAN ANTONIO DE LOS BANOS AIRFIELD
[REDACTED] NAC



25X1A

STATUS:OPERATIONAL

AIR ORDER OF BATTLE:
3 POSS FISHBED

4 OTHER POSS AIRCRAFT

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CUBA
AIR BASE FACILITIES

- 25X1D



25X1D

25X1D SAN JULIAN AIRFIELD

NAC



STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25 COLT
6 PROB COLT
11 ZLIN TRENER

3 PROB ZLIN TRENER
4 SMALL STRAIGHT-WING

25X1D



25X1D

JAIME GONZALES AIRFIELD

NAC



STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



25X1D

KAWAMA AIRFIELD

NAC



STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



25X1D

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CUBA
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

CIENFUEGOS PORT FACILITIES
NAC



- 25X1D



STATUS:OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

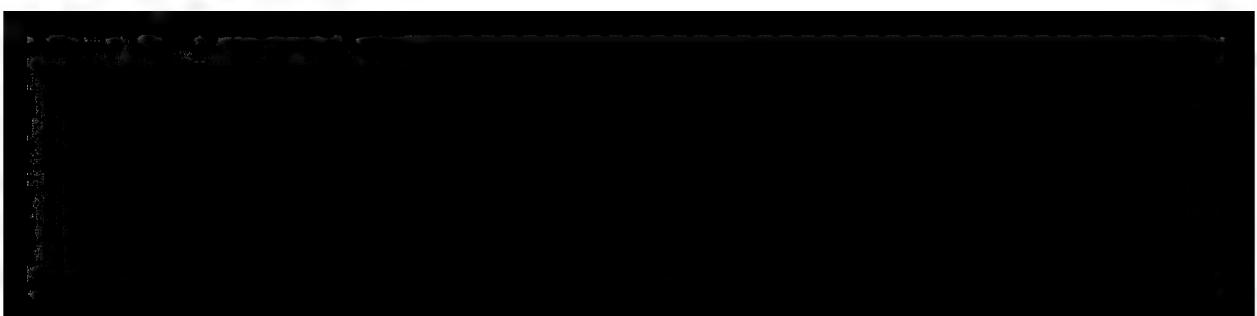
25X1D

1 PROB TANKER

1 PROB FREIGHTER

25X1D

2 PROB FREIGHTERS



OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

CIENFUEGOS NAVAL BASE
NAC



STATUS:UNKNOWN

25X1A

NAVAL ORDER OF BATTLE:
NONE DISCERNIBLE



25X1D

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TAPUT KEYWORD
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TOP SECRET CHESS RUFF

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CUBA
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D GUANAJAY MILITARY CAMP MARTIN MESA 1
[REDACTED] NAC [REDACTED]

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
15 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

25X1D

25X1D

LA CHARCA MILITARY HQS
[REDACTED] NAC [REDACTED]

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
100 POSS VEHICLES OR PIECES
OF EQUIPMENT (AT LEAST)

25X1D

25X1D

25X1D

LAS MERCEDES VEHICLE PARK
[REDACTED] NAC [REDACTED]

STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
12 VEHICLES OR PIECES OF
EQUIPMENT

Handle Via
TAMIN/KEYWORD
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TOP SECRET CHESS RUFF

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CUBA
GROUND FORCE FACILITIES

25X1D



25X1D

MARIEL MILITARY CAMP LOMA GOBERNADORA

25X1D [REDACTED] NAC



25X1A

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
3 POSS VEHICLES OR PIECES
OF EQUIPMENT

25X1D



25X1D

25X1D MINAS MILITARY CAMP JESUS MARIA FINCA

[REDACTED] NAC



25X1A

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
34 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D



25X1D

-25X1D SAN ANTONIO DE LOS BANOS MIL CAMP NE

[REDACTED] NAC



25X1A

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:
4 PROB VEHICLES OR PIECES
OF EQUIPMENT

TOP SECRET CHESS RUFF

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CUBA
GROUND FORCE FACILITIES

25X1D



25X1D

SAN DIEGO DE NUNEZ MILITARY CAMP

25X1D

REMARKS

LOCATION

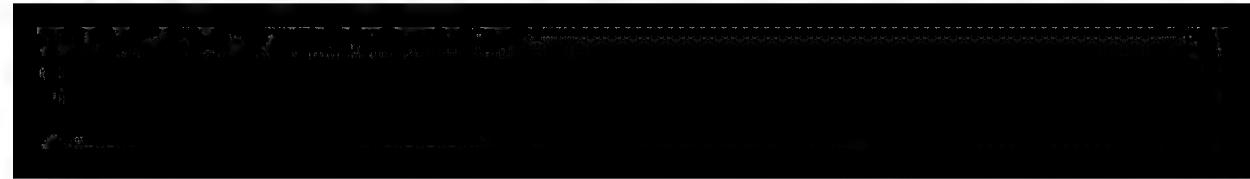
STATUS: OCCUPIED

25X1A

25X1A

GROUND FORCE ORDER OF BATTLE:
2 PROB VEHICLES OR PIECES
OF EQUIPMENT (AT LEAST)

25X1D



25X1D

SANTA FE MILITARY CAMP EAST

25X1D

REMARKS

STATUS: UNKNOWN

25X1A

25X1A

THIS CAMP IS PROBABLY OCCUPIED.

GROUND FORCE ORDER OF BATTLE:
4 POSS VEHICLES OR PIECES
OF EQUIPMENT

25X1D



25X1D

SANTA FE MILITARY CAMP LA CLARITA

25X1D

REMARKS

STATUS: UNKNOWN

THIS CAMP IS PROBABLY OCCUPIED.



25X1A

GROUND FORCE ORDER OF BATTLE:
2 PROB VEHICLES OR PIECES
OF EQUIPMENT

25X1D

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TOP SECRET CHESS RUFF

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CUBA
INDUSTRY

SIGNIFICANT RESULTS

25X1D

25X1D LA ROSITA ARMS FACTORY A STORAGE DPO
[REDACTED] NAC [REDACTED]

STATUS: OCCUPIED

25X1A

ASSOCIATED OBJECTS:
5 VEHICLES OR PIECES OF
EQUIPMENT (AT LEAST)

25X1D

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TOP SECRET CHESS RUFF

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JORDAN
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

KHAWW AIRFIELD



25X1A



25X1D



STATUS: NOT OPERATIONAL

REMARKS:

FIVE LARGE PROBABLE STORAGE BUILDINGS HAVE BEEN CONSTRUCTED ADJACENT TO THE RUNWAY, AND TWO PROBABLE STORAGE BUILDINGS HAVE BEEN CONSTRUCTED ADJACENT TO THE PARALLEL TAXIWAYS. VEHICLE REVETMENTS ARE SCATTERED SOUTH OF THE RUNWAY, BETWEEN THE RUNWAY AND PARALLEL TAXIWAYS, BETWEEN THE TWO PARALLEL TAXIWAYS, AND NORTH OF THE TAXIWAYS.

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



Handle Via

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TOP SECRET CHESS RUFF

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KH-4 MISSION 1108

JORDAN
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D



AZ ZARQA ARMY BARRACKS SE

25X1D



25X1D

25X1A

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

3.3 NM SSE OF AZ ZARQA. THIS INSTALLATION CONSISTS OF TWO SEPARATELY SECURED AREAS. THE EAST AREA CONTAINS SEVEN ADMINISTRATION BUILDINGS, 14 BARRACKS, 16 SUPPORT BUILDINGS, ONE AUDITORIUM, TWO ATHLETIC FIELDS, AND AN OPEN STORAGE AREA. THE WEST AREA CONTAINS THREE ADMINISTRATION BUILDINGS, 11 BARRACKS, FOUR STORAGE BUILDINGS, AND 11 SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



TCS-20018/70 - IPIR 22
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JORDAN
GROUND FORCE FACILITIES

25X1D



25X1D

AZ ZARQA BRIGADE HQ BKS + DEPOTS

25X1D



25X1A

STATUS: OCCUPIED



PHYSICAL DESCRIPTION:

ON THE EAST SIDE OF THE AZ ZARQA-MAFRAQ HIGHWAY ON THE EASTERN EDGE OF AZ ZARQA. THE INSTALLATION CONSISTS OF THREE MAJOR AREAS DESIGNATED AREA A, B, AND C.

AREA A IS THE MAIN AREA ON THE EAST SIDE OF THE HIGHWAY AND CONTAINS 20 ADMINISTRATION BUILDINGS, 70 BARRACKS, 25 BARRACKS OR SUPPORT BUILDINGS, 25 STORAGE BUILDINGS, NUMEROUS QUARTERS BUILDINGS, AND A PARADE OR ATHLETIC FIELD. A DEPOT IS IN THE CENTER OF THE AREA AND CONTAINS FIVE LARGE FABRICATION-TYPE BUILDINGS, FOUR SHOP-TYPE BUILDINGS, SIX STORAGE BUILDINGS, AND 20 SUPPORT BUILDINGS. A POSSIBLE DRIVER-TRAINING AREA IS ON THE NE EDGE OF THE INSTALLATION.

AREA B IS ON THE NORTH AND NORTHEAST EDGE OF AREA A AND CONTAINS TEN ADMINISTRATION BUILDINGS, 70 BARRACKS, AND 50 STORAGE OR SUPPORT BUILDINGS.

AREA C IS EAST OF AREA A AND SOUTH OF AREA B AND CONSISTS OF THREE SEPARATELY SECURED AREAS CONTAINING TEN ADMINISTRATION BUILDINGS, 70 BARRACKS, ONE LARGE VEHICLE STORAGE BUILDING, AND 30 STORAGE OR SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D



25X1D

AZ ZARQA ORDNANCE DEPOT

25X1D



TCS-20018/70 - IPIR 22
KH-4 MISSION 1108

JORDAN
GROUND FORCE FACILITIES

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

2.1 NM NNE OF AZ ZARQA. THIS SECURED INSTALLATION CONTAINS ONE PROBABLE VEHICLE MAINTENANCE BUILDING, THREE PROBABLE VEHICLE STORAGE BUILDINGS, SEVEN LARGE STORAGE BUILDINGS, AND NINE SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE



25X1D

25X1D

AZ ZARQA ROYAL ART BKS HQS A SCHOOL

25X1D

25X1A

STATUS: OCCUPIED



PHYSICAL DESCRIPTION:

3.5 NM NW OF AZ ZARQA ON BOTH SIDES OF THE AZ ZARQA-MAFRAQ HIGHWAY. THIS INSTALLATION CONSISTS OF EIGHT COMPOUNDS, DESIGNATED AREAS A THROUGH H. AREAS A THROUGH F ARE ON THE SOUTH SIDE OF THE HIGHWAY AND AREAS G AND H ARE ON THE NORTH SIDE.

AREA A IS THE WESTERNMOST, IS SECURED, AND CONTAINS 30 BARRACKS, FIVE ADMINISTRATION BUILDINGS, 18 SUPPORT BUILDINGS, TWO VEHICLE PARKS, AND AN ATHLETIC FIELD.

AREA B IS 1 NM EAST OF AREA A, IS SECURED, AND CONTAINS FOUR BARRACKS, ONE ADMINISTRATION BUILDING, SIX SUPPORT BUILDINGS, AND A VEHICLE PARK.

AREA C IS JUST EAST OF AREA B, IS SECURED, AND CONTAINS 11 BARRACKS, TWO ADMINISTRATION BUILDINGS, FIVE SUPPORT BUILDINGS, AND A VEHICLE PARK.

AREA D IS JUST EAST OF AREA C, IS SECURED, AND CONTAINS 34 BARRACKS, ONE ADMINISTRATION BUILDING, AND SIX SUPPORT BUILDINGS.

AREA E IS JUST EAST OF AREA D, IS UNSECURED, AND CONTAINS SIX BARRACKS, TWO LARGE ADMINISTRATION BUILDINGS, EIGHT SUPPORT BUILDINGS, AND AT LEAST 30 VEHICLE REVETMENTS.

AREA F IS JUST SE OF AREA E, IS UNSECURED, AND CONTAINS SIX

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JORDAN
GROUND FORCE FACILITIES

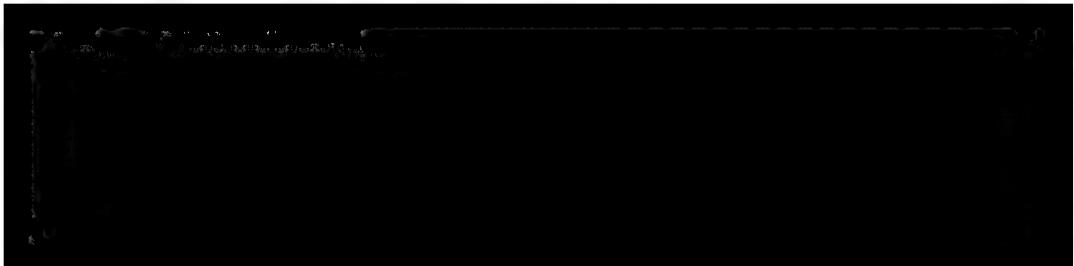
BARRACKS OR STORAGE BUILDINGS, ONE LARGE U-SHAPED PROBABLE VEHICLE STORAGE BUILDING, FIVE SUPPORT BUILDINGS, AND NUMEROUS VEHICLE REVETMENTS.

AREA G IS THE WESTERNMOST, IS SECURED, AND CONTAINS 34 BARRACKS, TWO ADMINISTRATION BUILDINGS, EIGHT SUPPORT BUILDINGS, AND NUMEROUS VEHICLE REVETMENTS.

AREA H IS JUST NE OF AREA G, IS SECURED, AND CONTAINS 38 BARRACKS, TWO ADMINISTRATION BUILDINGS, 13 SUPPORT BUILDINGS, AND A PARADE FIELD.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



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TOP SECRET CHESS RUFF

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NORTH KOREA
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

HUNGNAM SAM SITE A25-2
NAC

- 25X1D

STATUS: OCCUPIED

25X1A

REMARKS:

THE SIX LAUNCH POSITIONS APPEAR TO BE OCCUPIED. THE OCCUPANCY
OF THE GUIDANCE AREA IS UNDETERMINED.

25X1D

HUNGNAM SAM SITE C22-2
NAC

25X1D

STATUS: OCCUPIED

25X1D

REMARKS:

THE LAUNCH POSITIONS ARE OCCUPIED. THE OCCUPANCY OF THE
GUIDANCE AREA IS UNDETERMINED.

25X1D

WONSAN SAM SITE A10-2
NAC

25X1D

STATUS: OCCUPIED

25X1D

REMARKS:

THE LAUNCH POSITIONS APPEAR TO BE OCCUPIED. THE OCCUPANCY OF
THE GUIDANCE AREA IS UNDETERMINED.

25X1D

25X1D

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TOP SECRET CHESS RUFF

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NORTH KOREA
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

HYESAN TP SW CEN SRCH



25X1A



25X1D



STATUS: UNKNOWN

25X1A

REMARKS:

SMALL SCALE AND INTERPRETABILITY OF THE PHOTOGRAPHY PRECLUDE
IDENTIFICATION OF TP SW CEN.

25X1D



TOP SECRET CHESS RUFF

TCS-20018/70 - IPIR 22
KH-4 MISSION 1108

NORTH KOREA
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

HWANGSUWON AIRFIELD

25X1D



25X1A

25X1A

STATUS: UNKNOWN

REMARKS:

THE AIRFIELD IS COMPLETELY SNOW COVERED.

AIR ORDER OF BATTLE:
NONE DISCERNIBLE



25X1D

25X1D

KILCHU AIRFIELD SOUTHEAST

25X1D



25X1A

STATUS: UNKNOWN

REMARKS:

THE AIRFIELD IS COMPLETELY SNOW COVERED.

AIR ORDER OF BATTLE:
NONE DISCERNIBLE



25X1D

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NORTH KOREA
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

CHONGJIN PORT FACILITIES EAST
NAC

25X1D



25X1A

STATUS:OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

1 DRY CARGO MERCHANT SHIP



25X1D

CHONGJIN PORT FACILITIES WEST
NAC

25X1D



25X1A

STATUS:OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

3 DRY CARGO MERCHANT SHIPS 2 MERCHANT SHIPS



TOP SECRET CHESS RUFF

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NORTH KOREA
NAVAL BASE FACILITIES

25X1D

25X1D KIMCHAEK NAVAL BASE
[REDACTED] NAC



STATUS:OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

5 UNIDENTIFIED VESSELS
MOORED TO BREAKWATER



25X1D

25X1D

25X1D KIMCHAEK PORT FACILITIES
[REDACTED] NAC



STATUS:OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

1 LARGE DRY CARGO VESSEL

25X1D 3 PROB FISH FACTORY SHIPS
AT QUAY



25X1D

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NORTH KOREA
NAVAL BASE FACILITIES

25X1D

25X1D KOSONG NAVAL FACILITY
[REDACTED] NAC



STATUS:OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

2 PCE 3 FT
3 PROB S.O.1 SC

25X1D



25X1D

25X1D KOSONG PORT FACILITIES
[REDACTED]

25X1A



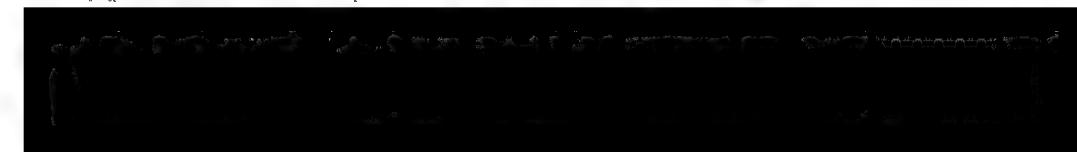
STATUS:NEGATED

25X1A

REMARKS:

THIS INSTALLATION IS NOT A PORT FACILITY BUT RATHER IS AN
INSIGNIFICANT FISH TRANSLOADING FACILITY.

25X1D



25X1D

25X1D MAYANGDO-RI NAVAL REPAIR YARD
[REDACTED] NAC



STATUS:OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

1 W SS 1 PROB OPC

25X1D



25X1D

25X1D NAJIN NAVAL FACILITY
[REDACTED] NAC



25X1A

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NORTH KOREA
NAVAL BASE FACILITIES

STATUS:OPERATIONAL

NAVAL ORDER OF BATTLE:
USS PUEBLO

25X1D



25X1D

25X1D

SINPO PORT FACILITIES



25X1A

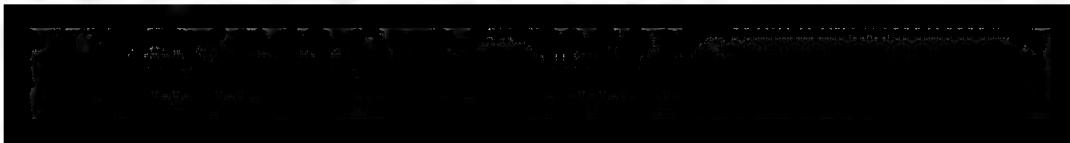
STATUS:NEGATED

25X1A

REMARKS:

THE FISHING FACILITIES AT SINPO DO NOT CONSTITUTE A PORT
FACILITY. NO DEEP-WATER BERTHING, TRANSIT SHEDS, OR CARGO
HANDLING FACILITIES ARE OBSERVED.

25X1D



25X1D

25X1D

SOSURA-RI PORT FACILITIES



25X1A

STATUS:NEGATED

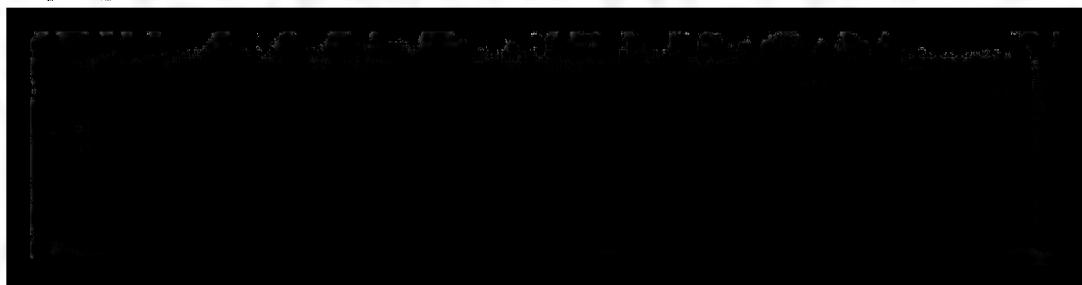
25X1A

25X1A

REMARKS:

THE FACILITY CONSISTS OF A SINGLE SMALL FINGER PIER INCAPABLE
OF HANDLING ANY SIGNIFICANT AMOUNT OF OCEANBORNE CARGO TONNAGE.
IT DOES NOT FUNCTION AS A PORT AT THIS TIME.

25X1D



Handle Via
TALENT KEYHOLE
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TOP SECRET CHESS RUFF

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NORTH KOREA
NAVAL BASE FACILITIES

25X1D

UNGGI PORT FACILITIES

25X1D

25X1A



25X1A

STATUS: ABANDONED

REMARKS:

THE TRANSIT SHED HAS BEEN INCOMPLETE FOR THE PAST SIX YEARS.
THE FACILITIES ARE INCAPABLE OF HANDLING ANY SIGNIFICANT AMOUNT
OF OCEANBORNE CARGO TONNAGE.

NAVAL ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



OTHER RESULTS-NO APPARENT CHANGE

25X1D



Handle Via
TALENT KEYHOLE
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NORTH KOREA
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

HONGWON ARMY BARRACKS TUNAM-NI

25X1D

STATUS: OCCUPIED

25X1A

25X1A

PHYSICAL DESCRIPTION:

1.7 NM SW OF HONGWON.

THE ROAD-SERVED INSTALLATION, LOCATED IN A SMALL VALLEY, CONSISTS OF FIVE BARRACKS-TYPE BUILDINGS, ONE ADMINISTRATION BUILDING, AND 25 OTHER PROBABLE SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

KUMSONG HQ 160 INF REGT + ARMY BKS

25X1D

STATUS: OCCUPIED

25X1A

25X1A

REMARKS:

A SMALL COMPLEX IS LOCATED AT THE REFERENCED COORDINATES. HOWEVER, SMALL SCALE PHOTOGRAPHY PRECLUDES IDENTIFICATION OF ANY MILITARY INSTALLATION WITHIN THE COMPLEX.

25X1D

25X1D

KYONGPA-RI ARMY BARRACKS WEST

25X1D

STATUS: OCCUPIED

25X1A

25X1A

PHYSICAL DESCRIPTION:

2.1 NM NE OF KUM-SONG.

THE INSTALLATION CONSISTS OF EIGHT UNIDENTIFIED BUILDINGS. SMALL SCALE PRECLUDES FURTHER INTERPRETATION.

TOP SECRET CHESS RUFF

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NORTH KOREA
GROUND FORCE FACILITIES

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



25X1D

TANCHON ARMY BARRACKS

25X1D



25X1A



25X1A

STATUS:NEGATED

REMARKS:

THIS INSTALLATION IS PART OF A WORKERS HOUSING AREA FOR THE ORE CONCENTRATION PLANT LOCATED IMMEDIATELY TO THE NORTH. NO MILITARY ACTIVITY IS OBSERVED.

25X1D



25X1D

WONSAN ARMY BKS + HQ 53 INF REGT

25X1D

STATUS:OCCUPIED



25X1A



25X1A

PHYSICAL DESCRIPTION:

3.7 NM NORTH OF WONSAN.

THE INSTALLATION CONSISTS OF TWO AREAS.

AREA A CONTAINS TWO MULTISTORY BARRACKS, ONE E-SHAPED HEADQUARTERS/ADMINISTRATION BUILDING, ONE T-SHAPED ADMINISTRATION BUILDING, ONE HEATING PLANT, ONE MESSHALL, TWO VEHICLE SHEDS, AND THREE SUPPORT BUILDINGS.

AREA B CONTAINS TEN BARRACKS, TWO QUARTERS, AND THREE SUPPORT BUILDINGS.

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

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NORTH KOREA
LOGISTICS

SIGNIFICANT RESULTS

25X1D

25X1D CHONGJIN RR YARDS AND SHOPS SOUTH



25X1A

25X1A

STATUS: OPERATIONAL

25X1D REMARKS:

ON [REDACTED] THE YARDS APPEAR APPROXIMATELY 30 PERCENT FILLED,
SMALL SCALE PRECLUDES A COUNT OF ROLLING STOCK,



25X1D

25X1D

NAJIN RR YARDS AND SHOPS



NAC



25X1A

STATUS: OCCUPIED

REMARKS:

THE LEVEL OF ACTIVITY APPEARS LIGHT, THE EXTENT OF OCCUPANCY
CANNOT BE DETERMINED DUE TO SMALL SCALE,



25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

CHONGJIN POL STORAGE



NAC



25X1A

25X1D

25X1D

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TOP SECRET CHESS RUFF

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NORTH KOREA
INDUSTRY

SIGNIFICANT RESULTS

25X1D

CHONGJIN SYNTHETIC FIBER PLANT
NAC

25X1D



NAC



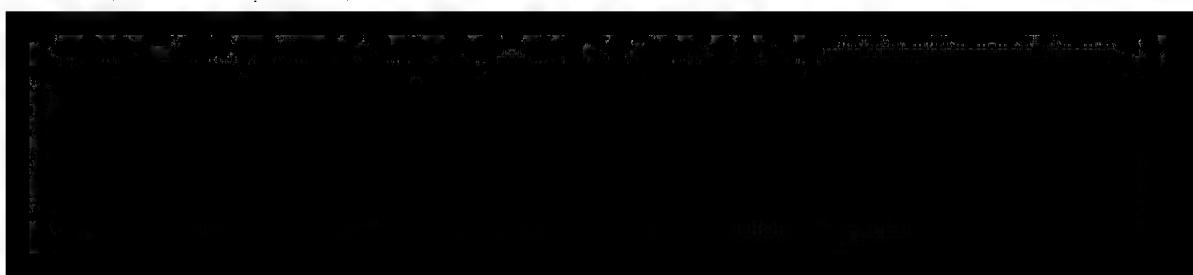
STATUS:OPERATIONAL

25X1A

25X1D

REMARKS:

ON [REDACTED] THE THERMAL POWERPLANT IS OPERATIONAL. SMALL
SCALE PRECLUDES FURTHER INTERPRETATION.



25X1D

25X1D

KIMCHAEK SHIPYARD
NAC

25X1D

STATUS:OPERATIONAL

25X1A

25X1D

NAVAL ORDER OF BATTLE:

[REDACTED]
2 SMALL UNIDENTIFIED
VESSELS ON WAYS

6 UNIDENTIFIED VESSELS AT
BERTHING SPACES



25X1D

25X1D

KOSONG SHIPYARD 445

25X1A

25X1D

STATUS:NEGATED



25X1A

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NORTH KOREA
INDUSTRY

REMARKS:

THIS INSTALLATION IS NOT A SHIPYARD BUT RATHER A VERY SMALL
INSIGNIFICANT BOATYARD.

25X1D



25X1D

WONSAN SHIPYARD 1

25X1D

NAC

STATUS:OPERATIONAL



25X1A

NAVAL ORDER OF BATTLE:

1 INCOMPLETE FREIGHTER ON
THE WAYS
NUMEROUS SMALL CRAFT

25X1D



OTHER RESULTS-NO APPARENT CHANGE

25X1D

NAJIN NAVAL ACADEMY

25X1D

NAC

STATUS:OPERATIONAL



25X1A

NAVAL ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



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NORTH KOREA
MISCELLANEOUS

SIGNIFICANT RESULTS

25X1D

CHONGJIN COMPLEX

25X1A

25X1D

25X1A

STATUS:OPERATIONAL

25X1D REMARKS:

ON [REDACTED] ALL RAIL YARDS, THE RAILCAR REPAIR FACILITY, THE SPONGE IRON PLANT, AND THE THERMAL POWERPLANT ARE ACTIVE.

25X1D ON [REDACTED] THE STEEL PLANTS AND THE THERMAL POWERPLANT ARE ACTIVE. AN UNDETERMINED AMOUNT OF ROLLING STOCK IS IN TWO OF THE RAIL YARDS.

25X1D

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TOP SECRET CHESS RUFF

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SYRIA
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

HOMS (HIMS) SAM SITE B22-2
NAC

25X1D

STATUS: OCCUPIED

25X1A

REMARKS:

THE PRIMARY SITE AND AT LEAST TWO OF THE LAUNCH POSITIONS AND
THE GUIDANCE AREA OF THE ALTERNATE SITE ARE OCCUPIED.

25X1D

TOP SECRET CHESS RUFF

TCS-20018/70 - IPIR 22
KH-4 MISSION 1108

TIBET
COMM/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

KUNGCHIATSUNG PROB AW RADAR FAC



25X1D

STATUS:UNKNOWN

25X1A

PHYSICAL DESCRIPTION:

9 NM SW OF KUNGCHIATSUNG AND 14 NM SW OF KUNG-KA AIRFIELD

25X1A

THE ROAD-SERVED FACILITY IS LOCATED ON A MOUNTAIN AND CONTAINS
SEVEN TENTS/SHEDS AND ONE VEHICLE REVETMENT.

25X1A

25X1D

TELIKUTSUNG PROB AIR WARNING RADAR FAC



25X1D

STATUS:UNKNOWN

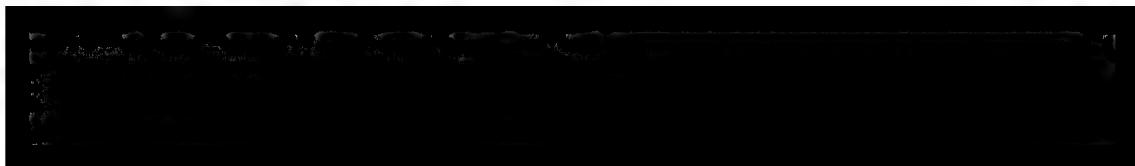
25X1A

PHYSICAL DESCRIPTION:

1 NM SW OF TELIKUTSUNG.

THE ROAD-SERVED, TRENCH-SECURED FACILITY CONTAINS 12 SMALL
TENTS/SHEDS AND TWO BUILDINGS.

25X1D



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TIBET
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

KOYATETSUNG PROBABLE BARRACKS AREA

25X1D

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

6 NM WEST OF KOYATETSUNG.

THE WALL-SECURED INSTALLATION CONTAINS ONE ADMINISTRATION BUILDING, 22 BARRACKS, ONE AUDITORIUM, ONE STORAGE BUILDING, ONE PROBABLE MESSHALL, AND SIX SUPPORT BUILDINGS.

25X1D

25X1D

NAKOSHEPIERHLU BARRACKS AND STORAGE

25X1D

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

2.5 NM WEST OF NAKOSHEPIERHLU,

THE INSTALLATION CONSISTS OF ONE UNSECURED BARRACKS AREA AND TWO WALL-SECURED STORAGE AREAS. THE BARRACKS AREA CONTAINS TWO ADMINISTRATION BUILDINGS, 19 BARRACKS, ONE PROBABLE MESSHALL, TWO VEHICLE STORAGE BUILDINGS, TWO SUPPORT BUILDINGS, AND 16 TENTS/SHEDS. THE TWO SECURED STORAGE AREAS CONTAIN A TOTAL OF 20 STORAGE-TYPE BUILDINGS.

25X1D

25X1D

PANGYA ARMY BARRACKS

25X1D

25X1A

STATUS: OCCUPIED

PHYSICAL DESCRIPTION:

2 NM EAST OF LANCHIANG.

THE PARTIALLY WALL-SECURED AREA CONTAINS TWO ADMINISTRATION BUILDINGS (ONE C-SHAPED), 12 PROBABLE BARRACKS, EIGHT STORAGE BUILDINGS, ONE L-SHAPED VEHICLE STORAGE BUILDINGS, AND 15

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TIBET
GROUND FORCE FACILITIES

SUPPORT BUILDINGS, INDIGENOUS HOUSING IS LOCATED IN THE CENTER
OF THE INSTALLATION.

- 25X1D



Handle Via
TALENT
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TOP SECRET CHESS RUFF

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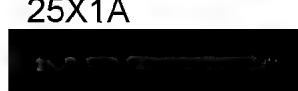
USSR
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

UKRAINA SAM SITE B23-2 25X1A

25X1D



25X1A

STATUS: OCCUPIED

REMARKS:

A BEAM REVETMENT AND A REVETTED BUILDING HAVE BEEN CONSTRUCTED
OUTSIDE THE SECURITY FENCE.

25X1D



TOP SECRET CHESS RUFF

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USSR
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D

BREST TV/MICROWAVE FAC

25X1A

25X1D

STATUS:COMPLETE

PHYSICAL DESCRIPTION:

11 NM EAST OF BREST. THIS SECURED FACILITY CONTAINS A GUYED TOWER 183 METERS (600 FEET) HIGH, ONE CONTROL BUILDING AND FOUR SUPPORT BUILDINGS. THE NUMBER, TYPE AND ORIENTATION OF THE MICROWAVE ELEMENTS IS UNDETERMINED DUE TO THE SMALL SCALE OF THE PHOTOGRAPHY.

25X1D



25X1D

25X1D

KALININGRAD TALL KING-AW RADAR FAC

25X1A



REMARKS:

25X1D

A PORTABLE, FIELD-TRANSPORTABLE TALL KING AND SIX SUPPORT VANS ARE [REDACTED] NORTH OF THE BUILDING-MOUNTED TALL KING.

25X1D

KARGAT MICROWAVE FACILITY

25X1A

25X1D

25X1D

STATUS:OPERATIONAL

PHYSICAL DESCRIPTION:

925 METERS (3,038 FEET) NM NORTH OF KARGAT. THIS SECURED FACILITY CONSISTS OF A SELF-SUPPORTING STEEL LATTICE TOWER WITH PROBABLE R-600 MICROWAVE ELEMENTS, ONE CONTROL BUILDING, AND ONE SUPPORT BUILDING.

25X1D



Handle Via

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TOP SECRET CHESS RUFF

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USSR

COMMO/ELEC/RADAR FACILITIES

25X1D



25X1D

KARTALY MICROWAVE FACILITY SE

25X1D



STATUS:OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

4.5 NM ESE OF KARTALY. THIS FACILITY CONTAINS A SELF-SUPPORTING MICROWAVE TOWER AND A CONTROL BUILDING. IT IS COLLOCATED WITH A GAS PIPE LINE COMPRESSING STATION.

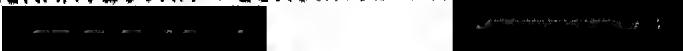
25X1D



25X1D

MIKHAYLOVKA MICROWAVE FAC

25X1D



STATUS:OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

SE EDGE OF MIKHAYLOVKA. THIS SECURED FACILITY CONTAINS A CONTROL BUILDING, THREE SUPPORT BUILDINGS, AND A MICROWAVE TOWER. THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDES IDENTIFICATION OF MICROWAVE ELEMENTS BY SIZE, TYPE, OR ORIENTATION.

25X1D



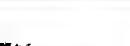
25X1D

PARIZHSKIY PROB HF COMMO FACILITY

25X1D

STATUS:OPERATIONAL

25X1A



PHYSICAL DESCRIPTION:

1 NM NW OF PARIZHSKIY. THIS SECURED FACILITY CONTAINS ONE PROBABLE CONTROL BUILDING, A SUPPORT BUILDING AND 11 ANTENNA MASTS. A PROBABLE SECURITY BUILDING IS LOCATED OUTSIDE THE SECURED AREA. THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDES FURTHER INTERPRETATION OF THIS INSTALLATION.

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USSR
COMMO/ELEC/RADAR FACILITIES



25X1D

25X1D

SOSNOVKA MICROWAVE FACILITY

25X1D

STATUS: OCCUPIED

25X1A

PHYSICAL DESCRIPTION:

5 NM EAST OF SOSNOVKA. THIS SECURED FACILITY CONTAINS A SINGLE
MICROWAVE TOWER WITH SUPPORT GUY WIRES AND A CONTROL BUILDING.



25X1D

25X1D

TARUTINO MICROWAVE FACILITY

25X1D

STATUS: OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

SE EDGE OF TARUTINO. THIS SECURED FACILITY CONTAINS A CONTROL
BUILDING, A SUPPORT BUILDING AND A LATTICE MICROWAVE TOWER.
THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDES IDENTIFICATION OF
MICROWAVE ELEMENTS BY SIZE, TYPE, OR ORIENTATION.

25X1D

25X1D

YAGUL MICROWAVE FACILITY

25X1D

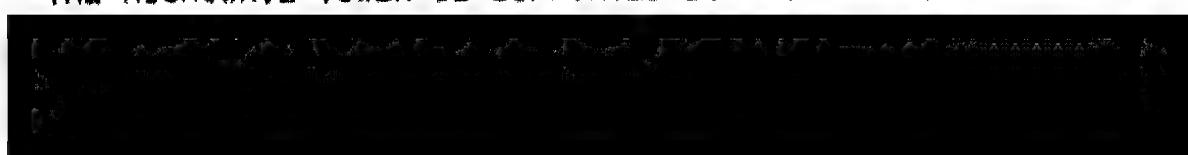
STATUS: OPERATIONAL

25X1A

REMARKS:

THE MICROWAVE TOWER IS SUPPORTED BY GUY WIRES.

25X1D



25X1D

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TOP SECRET CHESS RUFF

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USSR
AIR BASE FACILITIES

SIGNIFICANT RESULTS

SOVETSK AIRFIELD

25X1A

25X1D

25X1D



STATUS:OPERATIONAL

REMARKS:

CONSTRUCTION ON A PARALLEL HARD-SURFACED RUNWAY IS IN PROGRESS.

25X1D

AIR ORDER OF BATTLE:

2 SMALL STRAIGHT-WING

25X1D

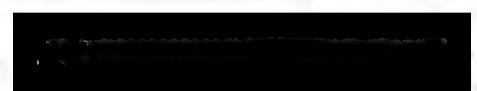


25X1D

25X1D

AKSHILIK MICROWAVE FACILITY

25X1A



STATUS:OPERATIONAL

PHYSICAL DESCRIPTION:

14.5 NM SW OF AKSHILIK. THIS FACILITY IS WITHIN A SECURED OIL PUMPING INSTALLATION AND CONSISTS OF ONE MICROWAVE TOWER AND A CONTROL BUILDING.

25X1D



25X1D

25X1D

MOSKOVSKIY AIRFIELD

25X1A



STATUS:OPERATIONAL

REMARKS:

THIS AIRFIELD IS NOW COMPLETE AND CONTAINS A 2,034 X 40-METER (6,673 X 131-FOOT) NW/SE SERVICEABLE, PREPARED-SURFACE RUNWAY

TOP SECRET CHESS RUFF

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USSR
AIR BASE FACILITIES

WITH TERMINAL APRON AND PARKING APRON. SUPPORT FACILITIES INCLUDE ONE TERMINAL BUILDING AND SIX SUPPORT BUILDINGS.

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



25X1D

25X1D

SHURCHI AIRFIELD

25X1A

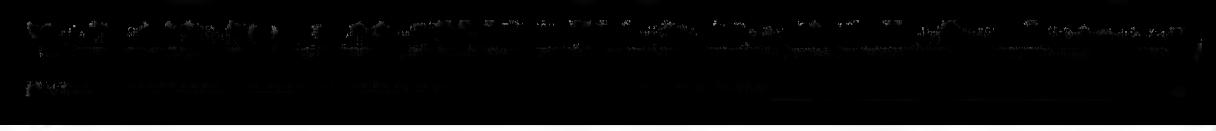


STATUS:OPERATIONAL

PHYSICAL DESCRIPTION:

A 2,679 X 172-METER (8,789 X 564-FOOT) NW/SE PROBABLY SERVICEABLE GRADED-EARTH RUNWAY WITH TWO END-CONNECTING LINKS AND A PARALLEL TAXIWAY. NO SUPPORT FACILITIES ARE OBSERVED.

25X1D



25X1D

25X1D

TALAS AIRFIELD

25X1A



STATUS:OPERATIONAL

PHYSICAL DESCRIPTION:

A 1,377 X 30-METER (4,519 X 99-FOOT) ESE/WNW SERVICEABLE GRADED-EARTH RUNWAY WITH A PARALLEL TAXIWAY, TWO END-CONNECTING AND TWO CROSSOVER LINKS, AND A PREPARED-SURFACE TERMINAL APRON.

SUPPORT FACILITIES INCLUDE ONE TERMINAL BUILDING, AT LEAST SIX SUPPORT BUILDINGS, AND A POL STORAGE AREA.

AIR ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D



Handle Via

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Control System Only

TOP SECRET CHESS RUFF

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KH-4 MISSION 1108

USSR
AIR BASE FACILITIES

25X1D

25X1D UST ISHIM AIRFIELD

25X1A

STATUS:OPERATIONAL

REMARKS:

AN UNSECURED POL AREA CONTAINS AT LEAST 30 SMALL, HORIZONTAL
POL TANKS.

AIR ORDER OF BATTLE:

3 COLT

25X1D

25X1D

25X1D

YASASHNAYA TASHLA TAC SSM STOR DPO

25X1A

25X1A

MISSILE ORDER OF BATTLE:
200 PROB MISSILE CRATES
(APPROXIMATELY)

25X1D

25X1D

25X1D

ZHARBULAK AIRFIELD

25X1A

STATUS:OPERATIONAL

PHYSICAL DESCRIPTION:

1 NM EAST OF ZHARBULAK. A 2,160 X 167-METER (7,086 X 548-FOOT)
N/S SERVICEABLE GRADED-EARTH RUNWAY. FACILITIES INCLUDE TWO
SUPPORT BUILDINGS.

AIR ORDER OF BATTLE:
1 COLT

25X1D

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25X1D

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USSR
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D BARANO-ORENBURGSKOYE ARMY BKS AL 1
[REDACTED] NAC



STATUS: OCCUPIED

25X1A

GROUND FORCE ORDER OF BATTLE:
50 VEHICLES OR PIECES OF
EQUIPMENT



25X1D

25X1D

25X1D BARANO-ORENBURGSKOYE ARMY BKS AL 1
[REDACTED] NAC



STATUS: OCCUPIED

25X1A

25X1D

GROUND FORCE ORDER OF BATTLE:
50 VEHICLES OR PIECES OF
EQUIPMENT



25X1D

25X1D CHITA ARMY BKS KASHTAK SOUTHEAST
[REDACTED]



25X1D

STATUS: OCCUPIED

25X1A

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USSR
GROUND FORCE FACILITIES

25X1A

PHYSICAL DESCRIPTION:

2 NM NORTH OF CHITA. THIS SECURED INSTALLATION WAS PREVIOUSLY REPORTED AS CHITA ARMY BARRACKS INFANTRY [REDACTED] IT CONTAINS AT LEAST NINE BARRACKS, FIVE STORAGE OR SUPPORT BUILDINGS, AT LEAST TWO VEHICLE STORAGE BUILDINGS, 28 OTHER BUILDINGS, 14 DEPENDENT QUARTERS, A PARADE FIELD, AND A TRAINING AREA WITH AN AUTOMATIC-WEAPONS FIRING RANGE WITH MOVING TARGETS, THREE SMALL-ARMS FIRING RANGES, A BIVOUAC AREA, A DRIVER TRAINING COURSE, AND EXTENSIVE SCARRING AND TRENCHING.

GROUND FORCE ORDER OF BATTLE:

70 VEHICLES AND PIECES OF EQUIPMENT (AT LEAST)

25X1D

[REDACTED]

25X1D

KATTA-KURGAN TRAINING AREA WEST 1

STATUS: OCCUPIED

25X1A

25X1D

REMARKS:

A NEW VEHICLE PARK HAS BEEN SET UP ALONG THE EASTERN EDGE OF THE TRAINING AREA. THE PARK CONTAINS 16 ROWS OF UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT. NO TENTS, TRACKAGE, OR ACTIVITY OF ANY KIND IS OBSERVED THROUGHOUT THE REMAINDER OF THE AREA. A PREVIOUSLY UNREPORTED RAIL SPUR APPROXIMATELY 3.0 NM LONG HAS BEEN CONSTRUCTED ALONG THE EASTERN AND SOUTHERN EDGE OF THE AREA AND CONTAINS A POSSIBLE OFF-LOADING POINT NEAR ITS TERMINAL. AN AREA OF UNIDENTIFIED CONSTRUCTION CONSISTING OF A SHALLOW EXCAVATION AND GRADING IS LOCATED 925 METERS (3,038 FEET) SOUTH OF THE RAIL SPUR.

25X1D

[REDACTED]

25X1D

MARY AMMUNITION DEPOT

STATUS: OCCUPIED

25X1A

[REDACTED]

25X1D

REMARKS:

FIVE OF THE EIGHT REVETTED PUG STORAGE BUILDINGS IN THE EASTERN

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USSR
GROUND FORCE FACILITIES

AREA HAVE BEEN RAZED. A STORAGE BUILDING IN THE NW CORNER OF
THE FACILITY HAS BEEN COMPLETED.

GROUND FORCE ORDER OF BATTLE:
25 VEHICLES (AT LEAST)

25X1D



Handle Via
Control System Only

TOP SECRET CHESS RUFF

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USSR
LOGISTICS

SIGNIFICANT RESULTS

25X1D

AKTASH BI-PROPELLANT STORAGE FACILITY

25X1D

STATUS:OPERATIONAL

25X1A

PHYSICAL DESCRIPTION:

1.5 NM SOUTH OF AKTASH AND APPROXIMATELY 10.0 NM NW OF KURGANCHA. THIS RAIL AND ROAD-SERVED FACILITY CONTAINS TWO DOUBLE-LOOP ROAD PATTERNS WITH AT LEAST TWO AREAS CONTAINING BURIED FUEL TANKS, TWO RAIL-SERVED, OFF-LOADING, DRIVE-THROUGH BUILDINGS, FOUR OXIDIZER STORAGE BUILDINGS IN THE SE CORNER OF THE INSTALLATION, AN UNDETERMINED NUMBER OF OFF-LOADING POINTS, TEN REVETTED HORIZONTAL TANK STORAGE PLACEMENTS, AT LEAST 12 SMALL SUPPORT BUILDINGS, AND APPROXIMATELY 15 LIGHT-COLORED RAIL TANK CARS. A SEPARATELY SECURED AREA IMMEDIATELY NORTH OF THE FACILITY CONTAINS TWO LARGE BUILDINGS, EIGHT SMALL BUILDINGS, AND AT LEAST THREE BURIED TANKS.

25X1D

COUNTRY CODES

The following is an alphabetic listing of country codes as compiled from the Basic Encyclopedia. Locations of targets in this report are indicated by the country code preceding the coordinates.

AD	Aden	GO	Gotland Is.	PK	Pakistan (West)
AF	Afghanistan	GR	Greece	PO	Poland
AG	Algeria	GV	Guinea	PT	Portugal
AL	Albania	GW	West Germany	PU	Portuguese Guinea
AM	Andaman and Nicobar Is.	HK	Hong Kong	QA	Qatar
AN	Andorra	HU	Hungary	RA	Rwanda
AO	Angola	ID	Indonesia	RI	Rio Muni
AU	Austria	IF	Ifni	RK	Ryukyu Is.
AZ	Azores Is.	IL	Iceland	RM	Mali
BA	Bahrain Is.	IN	India	RS	Socotra Is.
BK	Botswana (Bechuanaland)	IQ	Iraq	RU	Rumania
BE	Belgium	IR	Iran	RY	Zambia
BH	Bornholm Is.	IS	Israel	RZ	Rhodesia
BI	Balearic Is.	IT	Italy	SB	San Marino
BJ	Nanpo Shoto	IV	Ivory Coast	SD	Sardinia
BM	Burma	JA	Japan	SE	Seychelles Is.
BO	Sabah (N. Borneo)	JK	Jammu and Kashmir	SF	French Somaliland
BS	Lesotho (Basutoland)	JO	Jordan	SG	Sarawak
BT	Bhutan	KE	Kenya	SI	Sicily
BU	Bulgaria	KN	North Korea	SJ	Society Is.
BW	Berlin, West	KS	South Korea	SK	Senegal
BX	Brunei	KU	Kuwait	SL	Sierra Leone
BY	Burundi	LA	Laos	SM	Somali Republic
CA	Canary Is.	LC	Laccadive Is.	SP	Spain
CB	Cambodia	LE	Lebanon	SR	Saudi Arabia
CD	Central African Republic	LI	Liberia	SS	Spanish Sahara
CE	Ceylon	LS	Liechtenstein	ST	Sao Tome E Principe
CG	Chad	LX	Luxembourg	SU	Sudan
CH	China	LY	Libya	SV	Svalbard
CL	Caroline Is.	MA	Madagascar Republic	SW	Sweden
CM	Cameroon	MC	Macao	SY	Syria
CP	Congo (Brazzaville)	MD	Madeira Is.	SZ	Switzerland
CR	Crete	MF	Malaysia	TA	Tanzania
CT	Corsica	MG	Mongolia	TC	Trucial States
CV	Cape Verde Is.	ML	Malta	TH	Thailand
CX	Congo (Leopoldville)	MN	Monaco	TI	Tibet
CY	Cyprus	MO	Morocco	TK	Turkey
CZ	Czechoslovakia	MR	Mascarene Is.	TM	Portuguese Timor
DA	Dahomey	MT	Mauritania	TO	Togo
DE	Denmark	MV	Maldive Is.	TU	Tunisia
DO	Dodecanese Is.	MZ	Mozambique	TW	Taiwan
EG	Egypt	NE	Netherlands	UA	Republic of South Africa
EP	Pakistan (East)	NI	Nigeria	UG	Uganda
ET	Ethiopia	NK	Niger	UR	USSR
FI	Finland	NO	Norway	UV	Upper Volta
FO	Faeroe Is.	NP	Nepal	VN	North Vietnam
FR	France	NS	Surinam	VS	South Vietnam
GA	Gambia	NW	New Guinea	VT	Vatican City
GC	Gabon	NY	Malawi	WA	Swaziland
GE	East Germany	NZ	New Zealand	YE	Yemen
GH	Ghana	OM	Muscat Oman	YU	Yugoslavia
GI	Gibraltar	PI	Philippines		

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